



The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

3/22/11

Frank Ribeiro
Assistant District Attorney, Plymouth County

Dear ADA Ribeiro,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED] Included are copies of the following:

1. Drug Analysis Laboratory Receipt.
2. Curriculum Vitae for Annie Dookhan and Peter Piro.
3. Control Cards with analytical results for sample # [REDACTED]
4. Analysis sheets with the custodial chemist's hand notations and test results.
5. GC/MS Spectral analytical data for sample # [REDACTED]

I, Annie Dookhan, was the custodial chemists and performed the testing and net weight for this sample. Peter Piro was the confirmatory chemist and analyzed the GC/MS data.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in cursive script.

Annie Khan (Dookhan)
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6631

The Commonwealth of Massachusetts

*Department of Public Health
Center for Disease Control
State Laboratory Institute*

DRUG RECEIPT

BOSTON HOURS
8:00 - 11:00
2:00 - 4:00

AMHERST HOURS
9:00 - 12:00
1:00 - 4:00

BOSTON DRUG LABORATORY
TELEPHONE (617) 983-6622

AMHERST DRUG LABORATORY
TELEPHONE (413) 545-2601

1. City or Department

Wareham

2. Destruction No.

3. Name & Rank of
submitting Officer

4. I.D. No.

5. Defendant(s) Name (Last Name, First Name, Initial)

Address

City, State, Zip Code

Onset Ma

6. List of Evidence, Description of Sample

Alleged Identity

Gross Quantity
of Number

Lab. Number

*1 Blue oval shaped Pill
10-539-PR*

4.63 gm

1

Round Blue pills 10-528-PR

5.12 gm

7

Round white pills 10-529-PR

4.91 gm

4

Received By:

[Signature]

Date

5-13-10

STATE LABORATORY INSTITUTE



Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

*Responsible for the Quality Control/Quality Assurance program for the drug lab.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Trained and supervised new chemists and interns for the department.

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Peter Piro

EDUCATION

Boston University

B.A. in Chemistry and Minor in Biology, 1989

HONORS

Magna Cum Laude, 3.6 GPA

Graduated with Distinction in Chemistry

Valedictorian of the Chemistry Department

EXPERIENCE

Department of Public Health/State Laboratory Institute

Chemist III, II, I/ Assistant Analyst

December 1991-Present

Supervise the operation and maintenance of the Gas Chromatography/Mass Spectrometry Laboratory. Analyze controlled substances for State and Federal law enforcement agencies. Qualified as an expert witness in Massachusetts courts and U.S. District Court.

Massachusetts Health Research Institute

Laboratory Technician

September 1990-December 1991

Researched the seasonal and special occurrences of DSP and PSP in shellfish samples harvested from coastal waters and Georges Bank.

TRAINING AND ORGANIZATIONS

- * Completed a six-week training course by senior staff within the Department of Public Health Drug Analysis laboratory.
- * Appointed Assistant Analyst by the Assistant Commissioner of Public Health in February 1991.
- * Elected as a Regular Member to the Northeastern Association of Forensic Chemists on October 27th 1995.
- * Completed training in Mass Spectrometry given by the Food and Drug Administration/Forensic Chemistry Center on November 2002.
- * Completed training in Mass Spectrometry Troubleshooting and Maintenance, October 25th 2002, at Agilent Technologies.
- * Notary Public since 1993.

No. [REDACTED] Date Analyzed: 09-01-10
City: Wareham Police Dept.
Officer: Detective Sergeant DOUG JACINTO
Def: [REDACTED]
Amount: 1.0 Subst: TAB
No. Cont: 1 Cont: pb
Date Rec'd: 05/13/2010 No. Analyzed:
Gross Wt.: 4.63 Net Weight:
Tests: 1A+L
AB
Prelim: E Findings: Sildenafil

No. [REDACTED] Date Analyzed: 9-3-10
City: Wareham Police Dept.
Officer: Detective Sergeant DOUG JACINTO
Def: [REDACTED]
Amount: 107 Subst: TAB
No. Cont: 1 Cont: pb
Date Rec'd: 05/13/2010 No. Analyzed:
Gross Wt.: 5.12 Net Weight: 0.88
Tests: 1A+L
2P, Piru
Prelim: Oxycodone Findings: Oxycodone

No. [REDACTED] Date Analyzed: 09-01-10
City: Wareham Police Dept.
Officer: Detective Sergeant DOUG JACINTO
Def: [REDACTED]
Amount: 4.0 Subst: TAB
No. Cont: 1 Cont: pb
Date Rec'd: 05/13/2010 No. Analyzed:
Gross Wt.: 4.91 Net Weight:
Tests: 1A+L
AB
Prelim: E Findings: cyclobenzaprine

Pharmaceutical Analysis Sheet

Sample # [REDACTED] City Wareham E.O. weight 4.6

Count 1 Description: Blue diamond-shaped

Net wt = 0.3230

Ballistic I.D. pfizer vce 50 tablet in ipb

I.D. Source Micromedex



Final I.D. Sildenafil MS chemist ASD completed 9-01-10

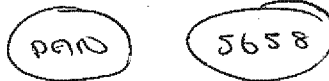
Sample # [REDACTED] City Wareham E.O. weight 5.0

Count 4 Description: white round tablet
in ipb

Net wt = 0.5650

Ballistic I.D. PAN 3658

I.D. Source Micromedex



Final I.D. cyclobenzaprine MS chemist ASD completed 09-01-10

Sample # [REDACTED] City Wareham E.O. weight 5.1

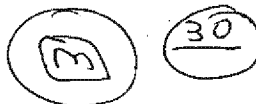
Count 7 Description: Blue round tablet
in ipb

Net wt = 0.8857

Ballistic I.D. M 30

I.D. Source Micromedex

Oxycodone



Final I.D. Oxycodone MS chemist AN/PJR completed 9-3-10

POISINDEX® Product List**Viagra****Regulatory-Status:** RX**Ingredients****Active-Ingredient:** Sildenafil Citrate - 50 MG**Excipients:** Croscarmellose Sodium
Magnesium Stearate
hydroxypropyl methylcellulose
Titanium Dioxide
Lactose
Triacetin
FD&C Blue No. 2 (LAKE)
microcrystalline cellulose
dibasic calcium phosphate (ANHYDROUS)**Availability & Manufacturing****Availability:** United States**Available-Container-Size:** Bottle of 30**Contact:** Pfizer**Product ID:** 5685122**AAPCC Code:** 777774 - Other Types of Vasodilator**Registry Number:** NDC 00069-4210**Physical Description****Imprint:** Vgr; 50; Pfizer**Form:** coated tablet**Color:** blue**Shape:** Diamond; rounded

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POISINDEX® Product List**Cyclobenzaprine Hydrochloride****Regulatory-Status:** RX**Ingredients****Active-Ingredient:** Cyclobenzaprine Hydrochloride - 10 MG**Excipients:** microcrystalline cellulose
Polyethylene Glycol
Titanium Dioxide
colloidal silicon dioxide
Croscarmellose Sodium
dibasic calcium phosphate
Hydroxypropyl Cellulose
hydroxypropyl methylcellulose
Magnesium Stearate**Availability & Manufacturing****Availability:** United States**Available-Container-Sizes:** Bottle of 100; Bottle of 1000; Bottle of 500**Contact:** Vanguard Labs**Product ID:** 6414596**AAPCC Code:** 003921 - Cyclobenzaprine**Physical Description****Imprint:** Dan; 5658**Form:** Tablet**Color:** white**Shape:** Circle

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POISINDEX® Product List**Oxycodone Hydrochloride****Regulatory-Status:** Schedule II**Ingredients****Active-Ingredient:** Oxycodone Hydrochloride - 30 MG**Excipients:** Cellulose, Microcrystalline
Sodium Starch Glycolate
Starch, Corn
Lactose
Stearic Acid
FD&C Blue No. 2**Availability & Manufacturing****Availability:** United States**Available-Container-Size:** Bottle of 100**Contact:** Covidien Mallinckrodt**Product ID:** 6594281**AAPCC Code:** 037705 - Oxycodone Alone or In Combination (Excluding Combination Products with Acetaminophen or Acetylsalicylic Acid)**Registry Number:** NDC 0406-8530-01**Physical Description****Imprints:** M - The M enclosed in a box is imprinted on one side and 30 above the score is imprinted on the reverse side.
30**Alt Imprints:** M30 - The M enclosed in a box is imprinted on one side and 30 above the score is imprinted on the reverse side.
M 30**Form:** Oral Tablet**Color:** Light Blue**Shape:** Circle

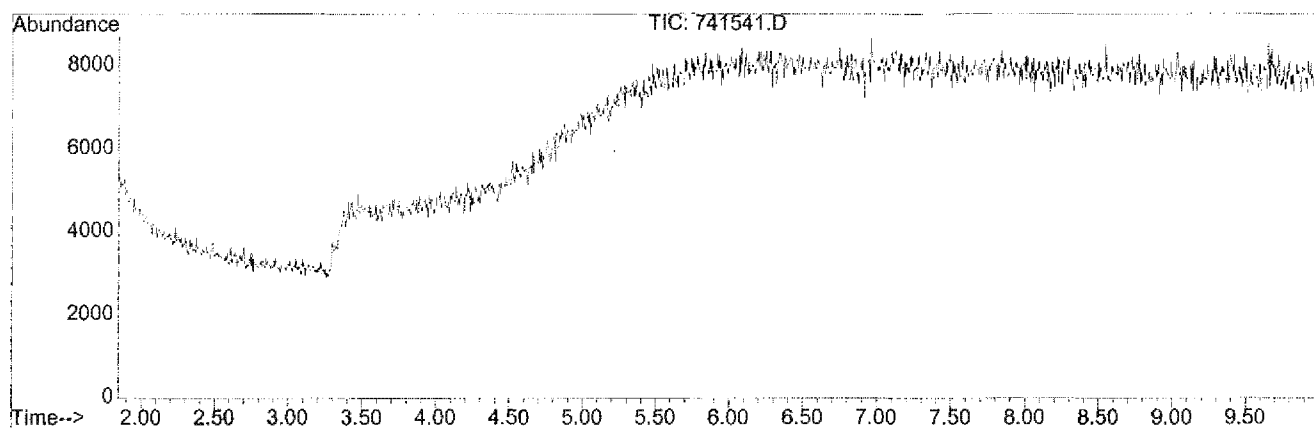
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Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\SYSTEM8\09_02_10\741541.D
Operator : DJR
Date Acquired : 2 Sep 2010 23:25
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE

✓ ASD
3-22-11



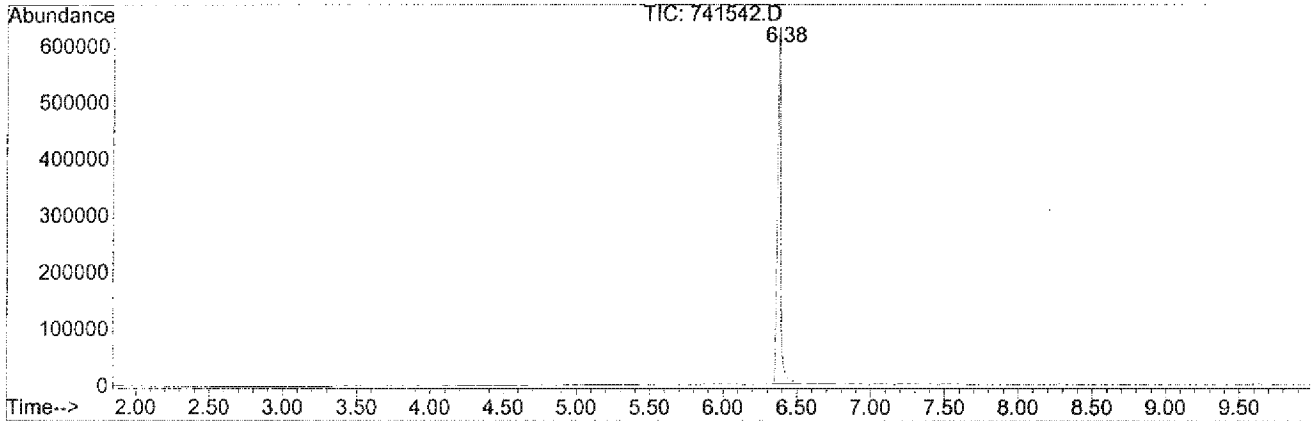
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\SYSTEM8\09_02_10\741542.D
 Operator : DJR
 Date Acquired : 2 Sep 2010 23:37
 Sample Name : OXYCODONE STD
 Submitted by :
 Vial Number : 6
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.376	984826	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

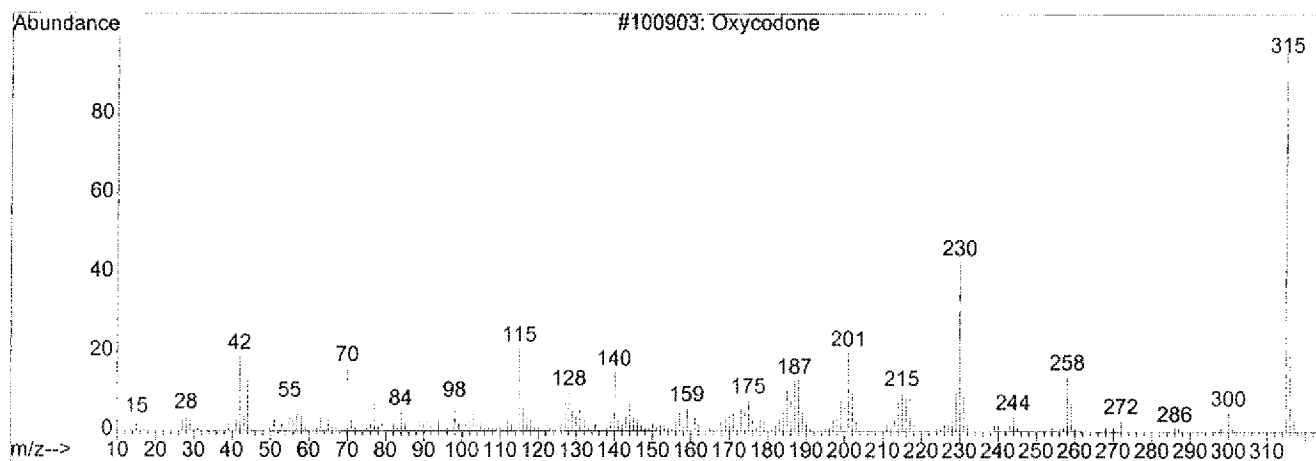
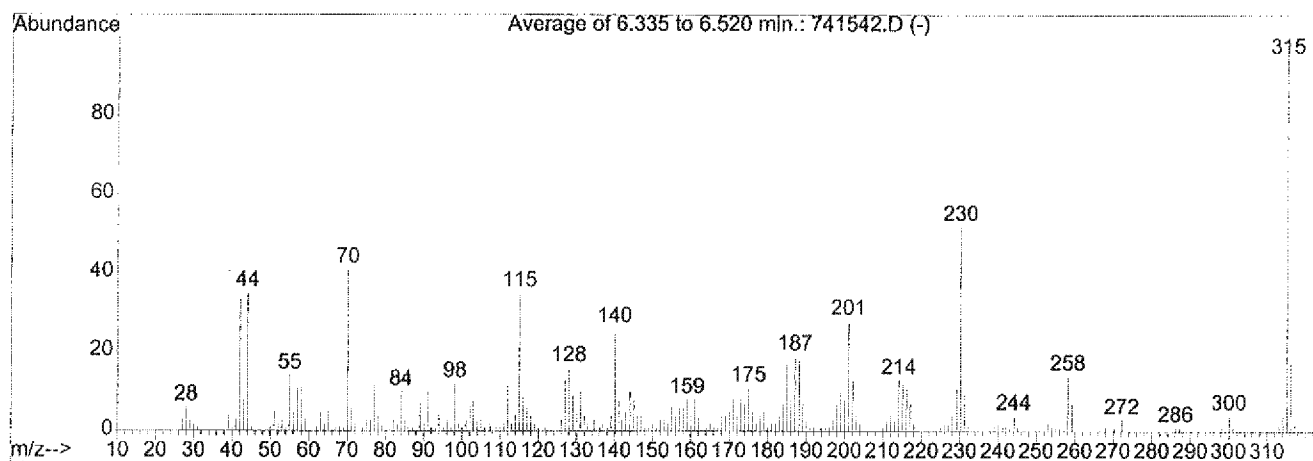
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File Name       : F:\Q3-2010\SYSTEM8\09_02_10\741542.D
Operator        : DJR
Date Acquired   :  2 Sep 2010  23:37
Sample Name     : OXYCODONE STD
Submitted by    :
Vial Number     : 6
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

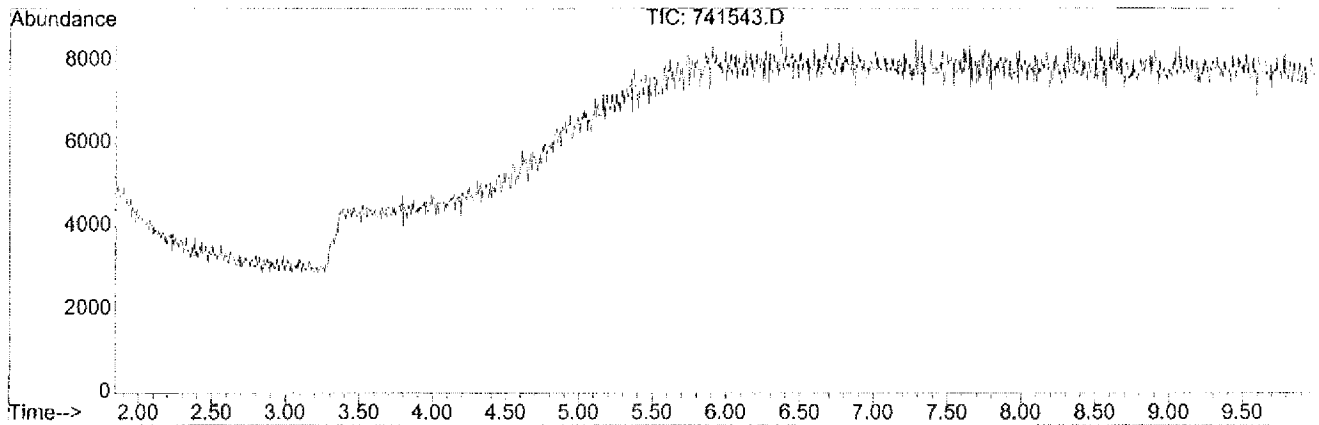
PK#	RT	Library/ID	CAS#	Qual
1	6.38	C:\DATABASE\NIST98.L		
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99
		Hydroxyhydrocodone	1000123-33-1	95



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\SYSTEM8\09_02_10\741543.D
Operator : DJR
Date Acquired : 2 Sep 2010 23:50
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



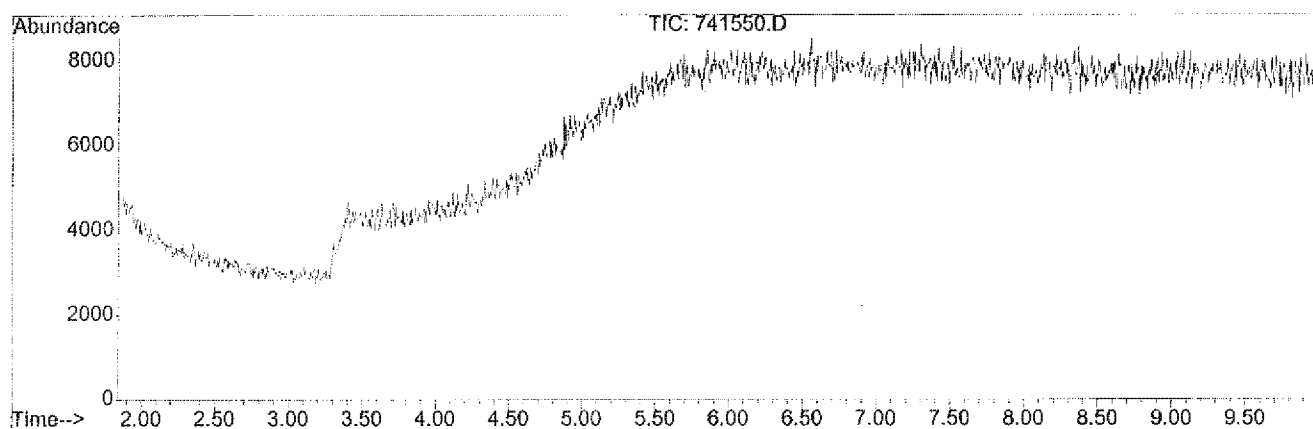
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\SYSTEM8\09_02_10\741550.D
Operator : DJR
Date Acquired : 3 Sep 2010 1:18
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



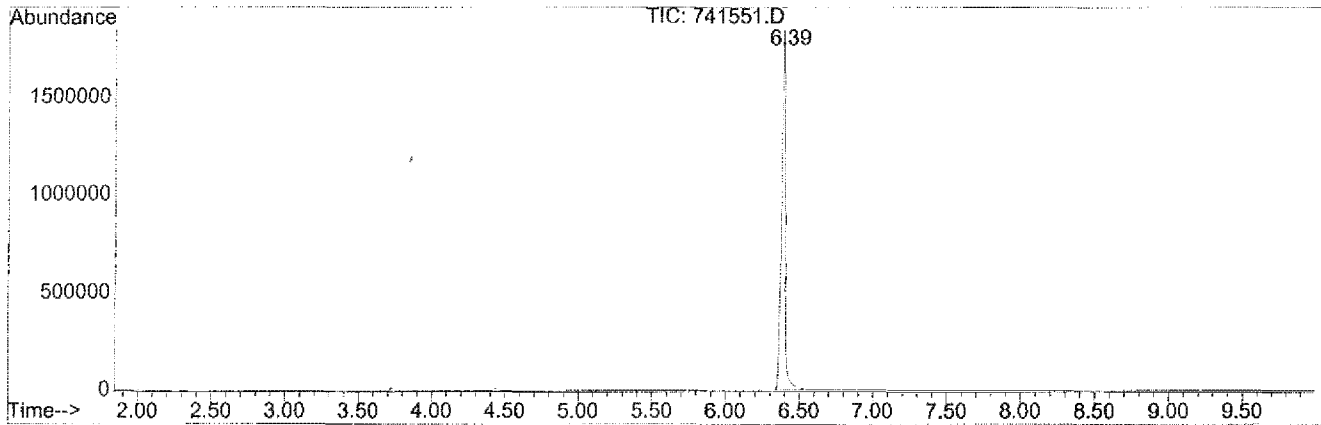
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\SYSTEM8\09_02_10\741551.D
Operator : DJR
Date Acquired : 3 Sep 2010 1:30
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 51
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.388	3326370	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

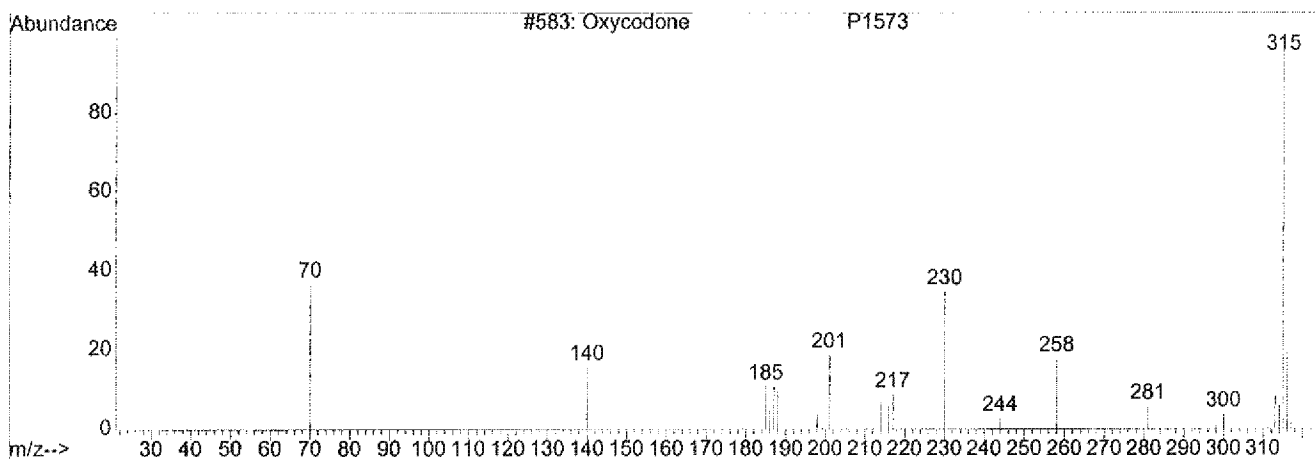
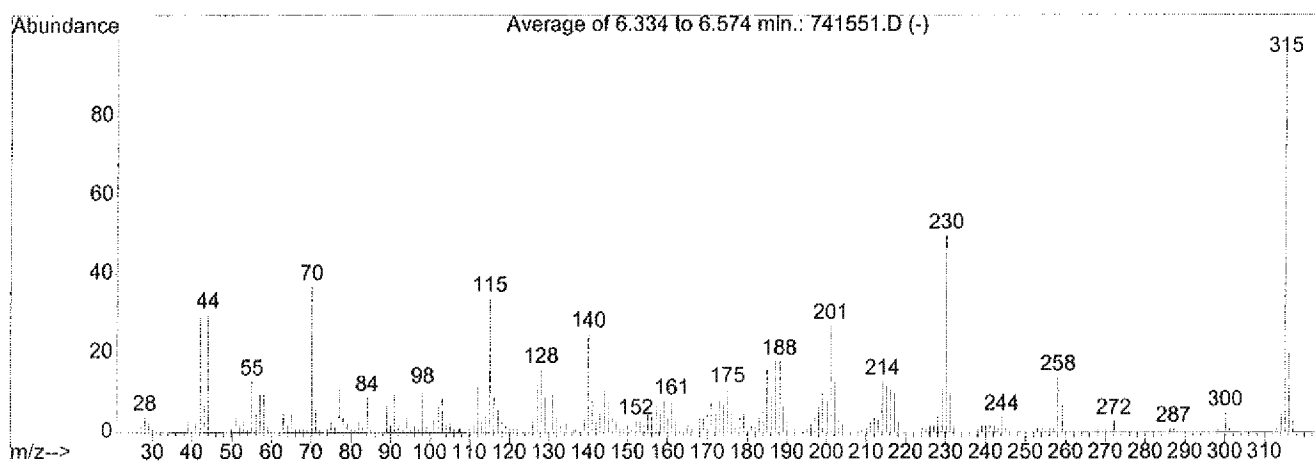
```

File Name       : F:\Q3-2010\SYSTEM8\09_02_10\741551.D
Operator        : DJR
Date Acquired   :  3 Sep 2010   1:30
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 51
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

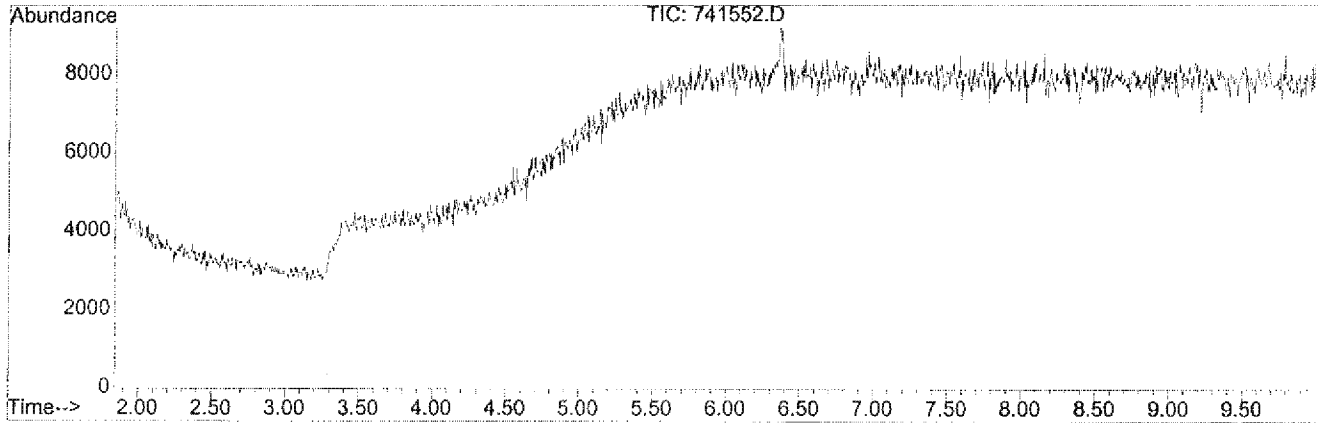
PK#	RT	Library/ID	CAS#	Qual
1	6.39	C:\DATABASE\PMW_TOX2.L		
		Oxycodone	000076-42-6	95
		Endogenous biomolecule AC	000000-00-0	16
		Cyproheptadine-M (nor-) AC	000000-00-0	4



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\SYSTEM8\09_02_10\741552.D
Operator : DJR
Date Acquired : 3 Sep 2010 1:43
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



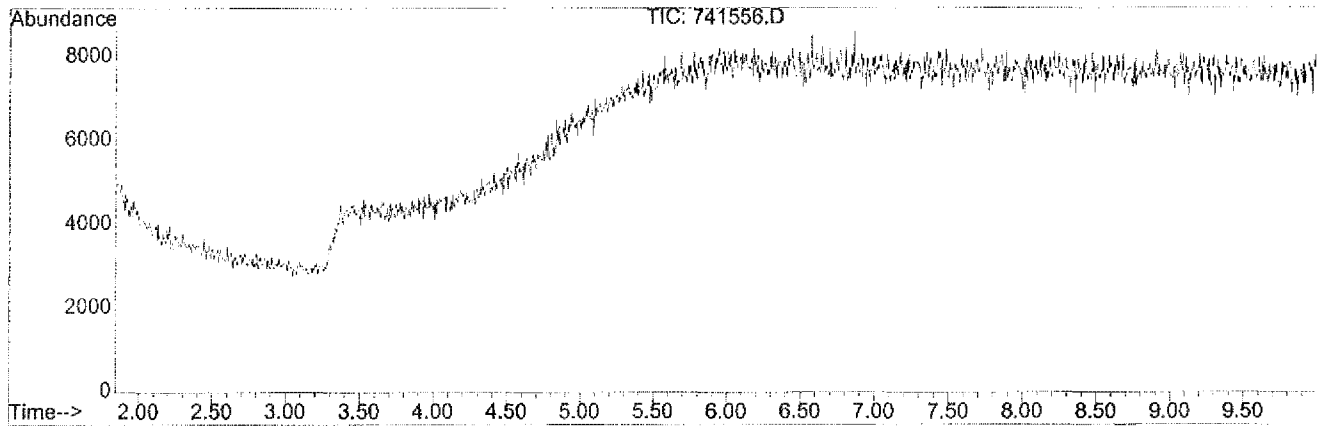
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\SYSTEM8\09_02_10\741556.D
Operator : DJR
Date Acquired : 3 Sep 2010 2:32
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



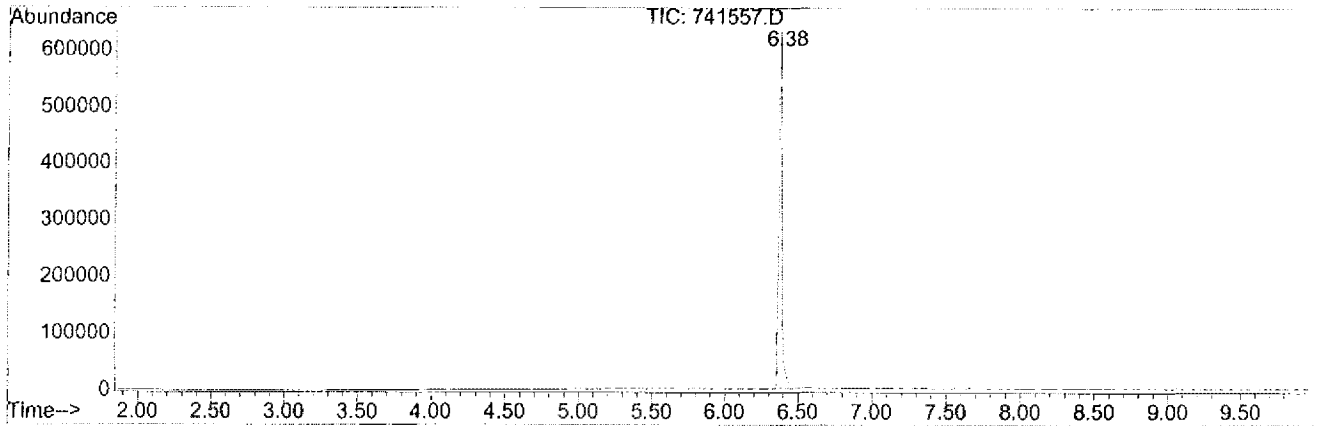
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\SYSTEM8\09_02_10\741557.D
Operator : DJR
Date Acquired : 3 Sep 2010 2:45
Sample Name : OXYCODONE STD
Submitted by :
Vial Number : 6
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.376	998563	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

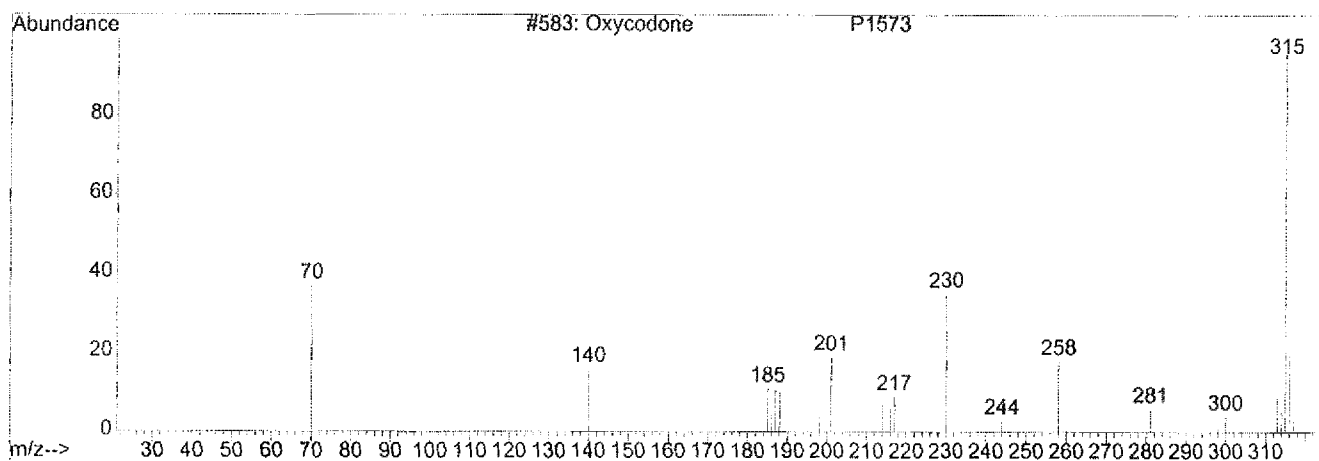
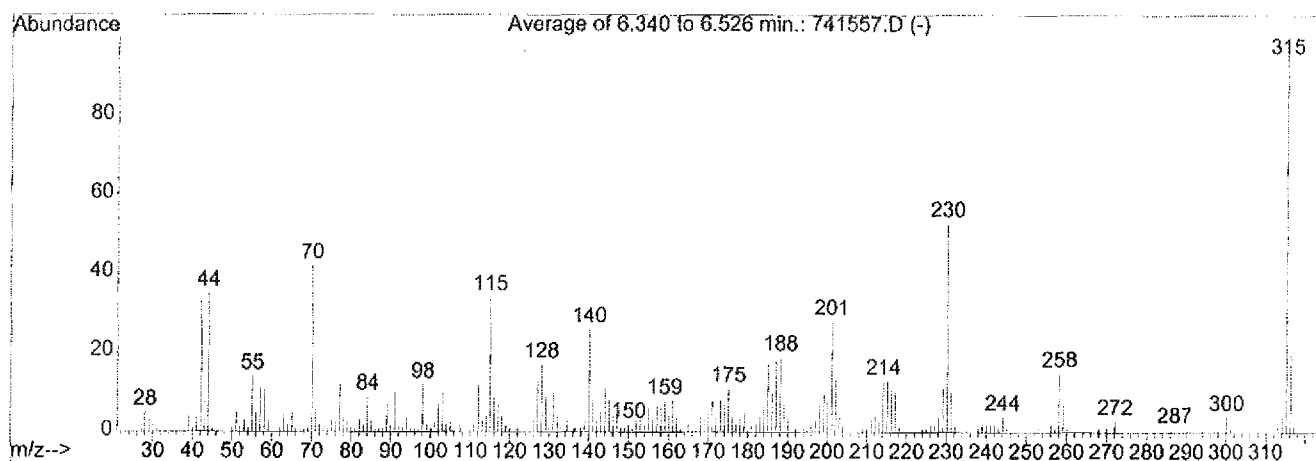
```

File Name       : F:\Q3-2010\SYSTEM8\09_02_10\741557.D
Operator        : DJR
Date Acquired   : 3 Sep 2010   2:45
Sample Name     : OXYCODONE STD
Submitted by    :
Vial Number     : 6
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

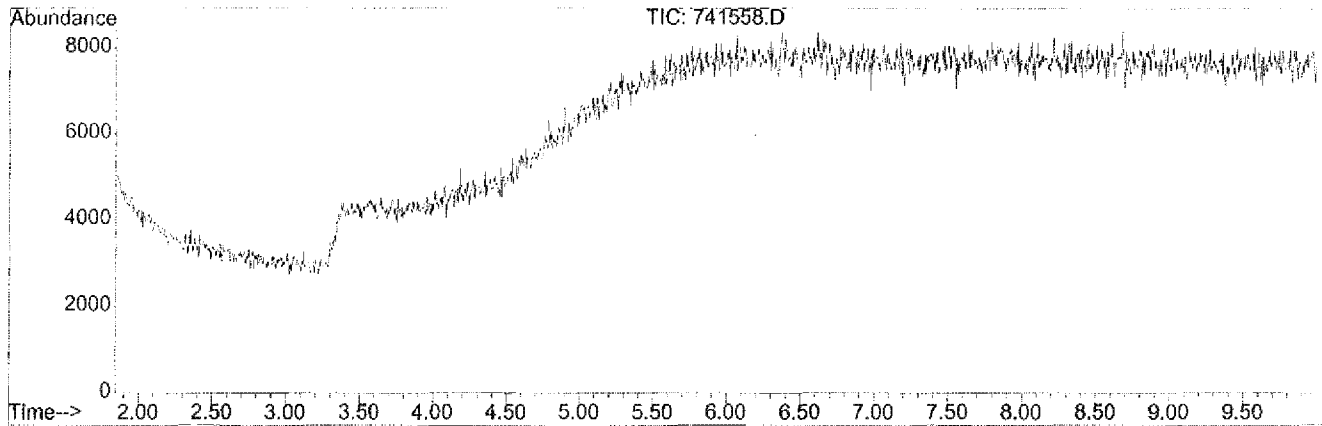
PK#	RT	Library/ID	CAS#	Qual
1	6.38	C:\DATABASE\PMW_TOX2.L		
		Oxycodone	000076-42-6	95
		MPCP	000000-00-0	10
		Amitriptyline-M -H2O AC	@ 000000-00-0	9



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\SYSTEM8\09_02_10\741558.D
Operator : DJR
Date Acquired : 3 Sep 2010 2:58
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS